

WHAT IS CLAIMED IS:

1. An electro-optical apparatus, comprising:  
an electro-optical device encased in a mounting case and having an image display region on which projection light from a light source is incident; and  
a mounting case including a plate disposed to face one surface of the electro-optical device and a cover covering the electro-optical device, a portion of the cover abutting against the plate, the mounting case accommodating the electro-optical device by holding at least a portion of a peripheral region positioned at the circumference of the image display region of the electro-optical device with at least one of the plate and the cover,  
at least one of the plate and the cover being bonded to the electro-optical device.
2. The electro-optical apparatus according to Claim 1,  
the bond including at least one of a double coated adhesive tape and a mold material.
3. The electro-optical apparatus according to Claim 2,  
at least one of the double coated adhesive tape and the mold material including a material having the heat conductivity of  $0.6 \text{ W/m} \cdot \text{K}$  or more.
4. The electro-optical apparatus according to Claim 2,  
the double coated adhesive tape including acryl rubber.
5. The electro-optical apparatus according to Claim 1,  
at least one of the double coated adhesive tape and the mold material being provided to correspond to the whole peripheral region,  
at least one of the plate and the cover being bonded to the electro-optical device over the whole peripheral region.
6. The electro-optical apparatus according to Claim 1,  
the thickness of the double coated adhesive tape being in the range of 50 to  $200 \mu\text{m}$ .
7. The electro-optical apparatus according to Claim 1,  
at least one of an outmost surface of the plate and an outmost surface of the cover being black.
8. The electro-optical apparatus according to Claim 7,  
a plating process being performed on at least one of a surface of the plate and a surface of the cover.

9. The electro-optical apparatus according to Claim 8,  
the plating process being performed after performing a blast process on at least one of the surface of the plate and the surface of the cover.
10. A projection display apparatus, comprising:  
the electro-optical apparatus according to Claim 1;  
the light source;  
an optical system to guide the projection light into the electro-optical device;  
and  
a projection optical system to project the light emitted from the electro-optical device.